

U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. WEAT/0023.C2	Serial No. UNKNOWN
LIST OF PATENTS AND PUBLICATIONS CITED BY APPLICANT		Applicant Metcalfe, et al.	Confirmation No.: UNKNOWN
(Use several sheets if necessary)		Filing Date HEREWITH	Group UNKNOWN
Examiner Unknown			

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
mm	A1	6,571,672	06/03/2003	Rudd	83	36	
	A2	6,543,552	04/08/2003	Metcalfe et al.	175	57	
	A3	6,527,049	03/04/2003	Metcalfe et al.	166	277	
	A4	6,457,533	10/01/2002	Simpson	166	380	
	A5	6,457,532	10/01/2002	Simpson	166	380	
	A6	6,454,013	09/24/2002	Metcalfe	166	382	
	A7	6,446,323	09/10/2002	Metcalfe et al.	29	523	
	A8	6,425,444	07/30/2002	Metcalfe et al.	166	387	
	A9	6,325,148	12/04/2001	Trahan et al.	166	297	
	A10	6,098,717	08/08/2000	Bailey et al.	166	382	
	A11	6,070,671	06/06/2000	Cumming et al.	166	381	
	A12	6,029,748	02/29/2000	Forsyth et al.	166	380	
	A13	6,021,850	02/08/2000	Wood et al.	166	380	
mm	A14	5,979,571	11/09/1999	Scott et al.	175	61	

Foreign Patent Documents

*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
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mm	B1	EP 0 961 007 A2	12/01/1999	EP	E21B	33/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B2	WO 99/23354	05/14/1999	WIPO	E21B	43/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B3	WO 99/18328	04/15/1999	WIPO	E21B	23/01	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B4	2 329 918 A	04/07/1999	UK	E21B	43/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
mm	B5	WO 99/02818	01/21/1999	WIPO	E21B	43/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
mm	C1	International Preliminary Examination Report, International Application No. PCT/GB99/04365, dated March 23, 2001
mm	C2	PCT Partial International Search, International Application No. PCT/GB00/04160, dated February 2, 2001

Examiner <i>mm</i>	Date Considered <i>9/7/05</i>
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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
~	A15	5,472,057	12/05/1995	Winfrey	175	57	
	A16	5,435,400	07/25/1995	Smith	175	61	
	A17	5,409,059	04/25/1995	McHardy	166	208	
	A18	5,960,895	10/05/1999	Chevallier et al.	175	27	
	A19	5,924,745	07/20/1999	Campbell	285	90	
	A20	5,901,789	05/11/1999	Donnelly et al.	166	381	
	A21	5,901,787	05/11/1999	Boyle	166	135	
	A22	5,887,668	03/30/1999	Haugen et al.	175	79	
	A23	5,785,120	07/28/1998	Smalley et al.	166	55	
	A24	5,706,905	01/13/1998	Barr	176	61	
	A25	5,685,369	11/11/1997	Ellis et al.	166	195	
	A26	5,667,011	09/16/1997	Gill et al.	166	295	
~	A27	5,636,661	06/10/1997	Moyes	137	614.2	

Foreign Patent Documents

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~	B6	2 320 734 A	07/01/1998	UK	E21B	33/127	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B7	WO 98/00626	01/08/1998	WIPO	E21B	43/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B8	WO 97/21901	06/19/1997	WIPO	E21B	17/08	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B9	WO 94/25655	11/10/1994	WIPO	D04C	1/06	<input type="checkbox"/>	<input checked="" type="checkbox"/>
~	B10	WO 93/25800	12/23/1993	WIPO	E21B	43/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
~	C3	PCT International Search Report, International Application No. PCT/GB99/04246, dated March 3, 2000
~	C4	International Search Report, International Application No. PCT/GB99/04365, dated March 3, 2000
~	C5	Hart's International Petroleum Engineer, cover page and pages 60 – 63, dated October 1996

Examiner *with Mea* Date Considered *9/7/05*

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U.S. Patent Documents								
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wn	A28	5,560,426	10/01/1996	Trahan et al.	166	120		
	A29	5,553,679	09/10/1996	Thorp	175	73		
	A30	5,520,255	05/28/1996	Barr et al.	175	24		
	A31	5,366,012	11/22/1994	Lohbeck	166	277		
	A32	5,348,095	09/20/1994	Worrall et al.	166	380		
	A33	5,322,127	06/21/1994	McNair et al.	166	313		
	A34	5,307,879	05/03/1994	Kent	166	382		
	A35	5,301,760	04/12/1994	Graham	175	61		
	A36	5,271,472	12/21/1993	Leturno	175	107		
	A37	5,267,613	12/07/1993	Zwart et al.	166	178		
	A38	5,156,209	10/20/1992	McHardy	166	324		
	A39	5,052,849	10/01/1991	Zwart	403	300		
wn	A40	5,052,483	10/01/1991	Hudson	166	55		
Foreign Patent Documents								
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wn	B11	WO 93/24728	12/09/1993	WIPO	E21B	17/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
wn	B12	DE 4133802	10/22/1992	Germany	B09B	1/00	<input type="checkbox"/>	<input checked="" type="checkbox"/>
wn	B13	WO 92/01139	01/23/1992	WIPO	E21B	17/08	<input type="checkbox"/>	<input checked="" type="checkbox"/>
wn	B14	2 216 926 A	10/18/1989	UK	E21B	7/20	<input type="checkbox"/>	<input checked="" type="checkbox"/>
wn	B15	DE 3213464	10/13/1983	Germany	B23D	45/12	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	C6							
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Examiner <i>Wills Ald</i>					Date Considered <i>5/7/05</i>			
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U.S. Patent Documents								
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m	A41	5,014,779	05/14/1991	Meling et al.	166	55.7		
	A42	4,997,320	03/05/1991	Hwang	408	22		
	A43	4,976,322	12/11/1990	Abdrakhmanov et al.	175	57		
	A44	4,883,121	11/28/1989	Zwart	166	217		
	A45	4,866,966	09/19/1989	Hagen	72	75		
	A46	4,848,469	07/18/1989	Baugh et al.	166	382		
	A47	4,807,704	02/28/1989	Hsu et al.	166	313		
	A48	4,697,640	10/06/1987	Szarka	166	120		
	A49	4,626,129	12/02/1986	Kothmann et al.	405	43		
	A50	4,588,030	05/13/1986	Blizzard	166	120		
	A51	4,581,617	04/08/1986	Yoshimoto et al.	346	108		
	A52	4,567,631	02/04/1986	Kelly	29	157.3		
m	A53	4,531,581	07/30/1985	Pringle et al.	166	120		
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m	B16	1 582 392	01/07/1981	UK	B21D	39/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B17	1 457 843	12/08/1976	UK	B21D	39/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B18	1 448 304	09/02/1976	UK	E21B	33/13	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	B19	1 277 461	06/14/1972	UK	B21D	39/04	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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	C9							
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Examiner <i>miller</i> <i>Mac</i>					Date Considered <i>9/7/05</i>			
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<i>ma</i>	A54	4,505,612	03/19/1985	Shelley Jr.	405	101	
	A55	4,505,142	03/19/1985	Kelly	72	54	
	A56	4,502,308	03/05/1985	Kelly	72	58	
	A57	4,487,630	12/11/1984	Crook et al.	75	123	
	A58	4,470,280	09/11/1984	Kelly	72	61	
	A59	4,483,399	11/20/1984	Colgate	166	308	
	A60	4,450,612	05/29/1984	Kelly	72	62	
	A61	4,445,201	04/24/1984	Pricer	365	154	
	A62	4,429,620	02/07/1984	Burkhardt et al.	91	395	
	A63	4,414,739	11/15/1983	Kelly	29	727	
	A64	4,407,150	10/04/1983	Kelly	72	61	
	A65	4,387,502	06/14/1983	Dom	29	568	
<i>ma</i>	A66	4,382,379	05/10/1983	Kelly	73	46	

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<i>ma</i>	B21	792,886	04/02/1958	UK	E21D	F06L	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>ma</i>	B22	730,338	05/18/1955	UK	83(4)	E8D	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<i>ma</i>	B23	WO 00/37772	06/29/2000	WIPO	E21B	43/10	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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


Examiner *ma* Date Considered *9/7/05*

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U.S. Patent Documents								
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mm	A67	4,362,324	12/07/1982	Kelly	285	119		
	A68	4,359,889	11/23/1982	Kelly	72	62		
	A69	4,349,050	09/14/1982	Bergstrom et al.	138	147		
	A70	4,324,407	04/13/1982	Upham et al.	277	27		
	A71	4,319,393	03/16/1982	Pogonowski	29	434		
	A72	4,288,082	09/08/1981	Setterberg, Jr.	277	125		
	A73	4,159,564	07/03/1979	Cooper, Jr.	29	727		
	A74	4,127,168	11/28/1978	Hanson et al.	166	123		
	A75	4,069,573	01/24/1978	Rogers, Jr. et al.	29	421		
	A76	3,977,076	08/31/1976	Vieira et al.	30	103		
	A77	3,948,321	04/06/1976	Owen et al.	166	277		
	A78	3,911,707	10/14/1975	Miniakov et al.	72	76		
mm	A79	3,820,370	06/28/1974	Duffy	72	75		
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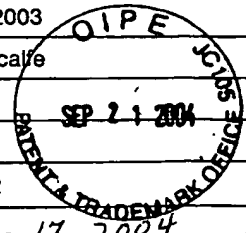
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<i>my</i>	A80	3,818,734	06/25/1974	Bateman	72	75		
	A81	3,785,193	01/15/1974	Kinley et al.	72	393		
	A82	3,780,562	12/25/1973	Kinley	72	479		
	A83	3,776,307	12/04/1973	Young	166	125		
	A84	3,746,091	07/17/1973	Owen et al.	166	207		
	A85	3,712,376	01/23/1973	Owen et al.	166	277		
	A86	3,691,624	09/19/1972	Kinley	29	523		
	A87	3,689,113	09/05/1972	Blaschke	285	90		
	A88	3,669,190	06/13/1972	Sizer et al.	166	315		
	A89	3,583,200	06/08/1971	Cvijanovic et al.	72	393		
	A90	3,489,220	01/13/1970	Kinley	166	277		
	A91	3,477,506	11/11/1969	Malone	166	207		
<i>~ ~</i>	A92	3,467,180	09/16/1969	Pensotti	165	180		
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	A93	3,354,955	11/28/1967	Berry	166	14		
	A94	3,353,599	11/21/1967	Swift	166	15		
	A95	3,326,293	06/20/1967	Skipper	166	150		
	A96	3,297,092	01/10/1967	Jennings	166	207		
	A97	3,245,471	04/12/1966	Howard	166	46		
	A98	3,203,483	08/31/1965	Vincent	166	207		
	A99	3,203,451	08/31/1965	Vincent	138	143		
	A100	3,195,646	07/20/1965	Brown	166	208		
	A101	3,191,680	06/29/1965	Vincent	166	46		
	A102	3,191,677	06/29/1965	Kinley	166	14		
	A103	3,186,485	06/01/1965	Owen	166	63		
	A104	3,179,168	04/20/1965	Vincent	166	14		
	A105	3,167,122	01/26/1965	Lang	166	14		
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<i>mm</i>	A106	3,087,546	04/30/1963	Woolley	166	46		
	A107	3,039,530	06/19/1962	Condra	166	55		
	A108	3,028,915	04/10/1962	Jennings	166	46		
	A109	2,898,971	08/11/1959	Hempel	153	82		
	A110	2,663,073	12/22/1953	Bieber et al.	29	148		
	A111	2,633,374	03/31/1953	Boice	285	118		
	A112	2,627,891	02/10/1953	Clark	153	82		
	A113	2,519,116	08/15/1950	Crake	166	10		
	A114	2,499,630	03/07/1950	Clark	153	81		
	A115	2,424,878	07/29/1947	Crook	154	82		
	A116	2,216,226	10/01/1940	Bumpous	36	44		
	A117	2,383,214	08/21/1945	Prout	153	82		
<i>mm</i>	A118	2,214,226	09/10/1940	English	166	1		
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<i>m</i>	A119	2,017,451	10/15/1935	Wickersham	166	10		
	A120	1,981,525	11/20/1934	Price	166	4		
	A121	1,930,825	10/17/1933	Raymond	153	81		
	A122	1,880,218	10/04/1932	Simmons	166	10		
	A123	1,597,212	08/24/1926	Spengler	166	10		
	A124	1,569,729	01/12/1926	Duda	166	10		
	A125	1,561,418	11/10/1925	Duda	166	10		
	A126	1,545,039	07/07/1925	Deavers	166	10		
	A127	1,324,303	12/09/1919	Carmichael	166	10		
	A128	1,301,285	04/22/1919	Leonard	166	10		
	A129	988,054	03/28/1911	Wiet	166	10		
	A130	761,518	05/31/1904	Lykken	166	10		
	A131	2001/0040054	11/15/2001	Haugen et al.	166	10		
<i>m</i>	A132	2002/0166668	11/14/2002	Metcalf et al.	166	10		
Foreign Patent Documents								
*Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							YES	NO
	B46						<input type="checkbox"/>	<input type="checkbox"/>
	B47						<input type="checkbox"/>	<input type="checkbox"/>
	B48						<input type="checkbox"/>	<input type="checkbox"/>
	B49						<input type="checkbox"/>	<input type="checkbox"/>
	B50						<input type="checkbox"/>	<input type="checkbox"/>
OTHER ART								
*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.						
	C28							
	C29							
	C30							
Examiner <i>or [signature]</i>					Date Considered <i>9/2/05</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/748,592
		Filing Date	December 30, 2003
		First Named Inventor	Paul David Metcalfe
		Group Art Unit	3672
		Examiner Name	Unknown
		Attorney Docket Number	WEAT/0023.C2
Sheet 1	of 2	Submission Date	September 17, 2004



U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
✓	A1	US-2,754,577	07-17-1956	Maxwell	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Number-Kind Code ² (if known)				
	B1					
	B2					
	B3					
	B4					
	B5					

Examiner *[Signature]*

Date Considered 9/7/05

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OIA Control Number.

<p>Substitute for form 1449B/PTO</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center; font-style: italic;">(Use as many sheets as necessary)</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>10/748,592</td> </tr> <tr> <td>Filing Date</td> <td>December 30, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Paul David Metcalfe</td> </tr> <tr> <td>Group Art Unit</td> <td>3672</td> </tr> <tr> <td>Examiner Name</td> <td>Unknown</td> </tr> <tr> <td>Attorney Docket Number</td> <td>WEAT/0023.C2</td> </tr> <tr> <td>Submission Date</td> <td>September 17, 2004</td> </tr> </table>	Application Number	10/748,592	Filing Date	December 30, 2003	First Named Inventor	Paul David Metcalfe	Group Art Unit	3672	Examiner Name	Unknown	Attorney Docket Number	WEAT/0023.C2	Submission Date	September 17, 2004
Application Number	10/748,592														
Filing Date	December 30, 2003														
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Group Art Unit	3672														
Examiner Name	Unknown														
Attorney Docket Number	WEAT/0023.C2														
Submission Date	September 17, 2004														

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<div style="text-align: center;">  <p>Substitute for form PTO</p> <h2 style="margin: 10px 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p><i>(Use as many sheets as necessary)</i></p> </div>				Complete If Known	
				Application Number	10/748,592
				Filing Date	December 30, 2003
				First Named Inventor	Paul David Metcalfe
				Art Unit	3672
				Examiner Name	Unknown
				Attorney Docket Number	WEAT/0023.C2
				Sheet	1


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Examiner Signature	<i>Willis A</i>	Date Considered	9/28/05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature		Date Considered	9/17/05
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